843 Response to Request for Quotation

Functional Group ID=RR

Introduction:

This standard provides the format and establishes the data contents of a response to request for quotation transaction set. The response to request for quotation transaction set provides potential buyers with price, delivery schedule, and other terms from potential sellers of goods and services, in response to a request for such information.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BQR	Beginning Segment for Response to Request for Quotation	M	1		
	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	1		
Not Used	090	CTP	Pricing Information	O	25		
Not Used	100	SSS	Special Services	O	25		
Not Used	110	CSH	Header Sale Condition	O	1		
Not Used	120	ITA	Allowance, Charge or Service	O	10		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
	150	DTM	Date/time/period	O	10		
	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
	210	PWK	Paperwork	O	25		
	220	PKG	Marking, Packaging, Loading	O	25		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	270	MAN	Marks and Numbers	O	10		
Not Used	280	CTB	Restrictions/ Conditions	O	5		
			LOOP ID - N9			1000	
Not Used	290	N9	Reference Number	O	1		

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	300	MSG	Message Text	O	1000		
			LOOP ID - N1			200	
	310	N1	Name	O	1		
	320	N2	Additional Name Information	O	2		
	330	N3	Address Information	O	2		
	340	N4	Geographic Location	O	1		
Not Used	350	REF	Reference Numbers	O	12		
	360	PER	Administrative Communications Contact	O	3		
Not Used	370	FOB	F.O.B. Related Instructions	O	1		
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	400	TD3	Carrier Details (Equipment)	O	12		
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	420	PKG	Marking, Packaging, Loading	O	25		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
	010	PO1	Purchase Order Baseline Item Data	O	1		
Not Used	020	CUR	Currency	O	1		
	030	PO3	Additional Item Detail	O	25		
Not Used	040	CTP	Pricing Information	O	25		
Not Used	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
	050	PID	Product/Item Description	O	1		
	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		
	080	PKG	Marking, Packaging, Loading	O	25		
	090	PO4	Item Physical Details	O	1		
	100	REF	Reference Numbers	O	12		
Not Used	110	PER	Administrative Communications Contact	O	3		
Not Used	120	SSS	Special Services	O	25		
Not Used	130	ITA	Allowance, Charge or Service	O	10		
Not Used	140	IT8	Conditions of Sale	O	1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	170	TAX	Tax Reference	O	3		
	180	FOB	F.O.B. Related Instructions	O	1		
Not Used	190	SDQ	Destination Quantity	O	50		
	200	DTM	Date/time/period	O	10		
	210	LDT	Lead Time	O	12		
	220	SCH	Line Item Schedule	O	104		n2
Not Used	230	FST	Forecast Schedule	O	5		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1		

Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	260	TD3	Carrier Details (Equipment)	O	12	
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	280	MAN	Marks and Numbers	O	10	
Not Used	290	CTB	Restrictions/ Conditions	O	5	
			LOOP ID - CST			100
Not Used	300	CST	Cost Analysis	O	1	
Not Used	310	PID	Product/Item Description	O	1	
Not Used	320	CUR	Currency	O	1	
Not Used	330	DTM	Date/Time/Period	O	2	
			LOOP ID - SLN			1000
Not Used	340	SLN	Subline Item Detail	O	1	
Not Used	350	PID	Product/Item Description	O	1000	
			LOOP ID - CST			100
Not Used	360	CST	Cost Analysis	O	1	
Not Used	370	PID	Product/Item Description	O	1	
Not Used	380	CUR	Currency	O	1	
Not Used	390	DTM	Date/Time/Period	O	2	
			LOOP ID - N9			1000
Not Used	400	N9	Reference Number	O	1	
Not Used	410	MSG	Message Text	O	1000	
			LOOP ID - N1			200
Not Used	420	N1	Name	O	1	
Not Used	430	N2	Additional Name Information	O	2	
Not Used	440	N3	Address Information	O	2	
Not Used	450	N4	Geographic Location	O	1	
Not Used	460	REF	Reference Numbers	O	12	
Not Used	470	PER	Administrative Communications Contact	O	3	
Not Used	480	FOB	F.O.B. Related Instructions	O	1	
Not Used	490	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	510	TD3	Carrier Details (Equipment)	O	12	
Not Used	520	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	530	PKG	Marking, Packaging, Loading	O	25	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	CTT	Transaction Totals	M	1		n3
	015	AMT	Monetary Amount	O	1		
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3. Number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment:	**ST** Transaction Set Header		
Position:	010		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the start of a transaction set and to assign a control number		
Syntax Notes:			
Semantic Notes:			
Comments:	1	The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			843 X12.8 Response to Request for Quotation	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number assigned by the originator for a transaction set.	

Segment:	**BQR** Beginning Segment for Response to Request for Quotation				
Position:	020				
Loop:					
Level:	Heading				
Usage:	Mandatory				
Max Use:	1				
Purpose:	To indicate the beginning of a Response to Request for Quote Transaction Set and transmit identifying numbers and dates				
Syntax Notes:	**1** If BQR05 is present, then BQR04 is required.				
Semantic Notes:					
Comments:					

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	BQR01	353	Transaction Set Purpose Code	M	ID 2/2

Code identifying purpose of transaction set

Use code 00 for all original quotations; code 01 when cancelling a quotation; code 02 when adding data to a previously transmitted quote; code 03 when deleting data from a previously transmitted quote; code 04 when changing data in a previously transmitted quote; and code 07 when sending a duplicate quote.

00	Original
01	Cancellation
02	Add
03	Delete
04	Change
07	Duplicate

	Ref. Des.	Data Element	Name		Attributes
Must Use	BQR02	586	Request for Quote Reference Number	M	AN 1/45

Number assigned by the purchaser to identify his request for quote

	Ref. Des.	Data Element	Name		Attributes
Must Use	BQR03	652	Request Quotation Control Date	M	DT 6/6

Date to be used for reference purposes in an RFQ and a response to RFQ.

	Ref. Des.	Data Element	Name		Attributes
	BQR04	374	Date/Time Qualifier	C	ID 3/3

Code specifying type of date or time, or both date and time

098	Bid (Effective)

	Ref. Des.	Data Element	Name		Attributes
	BQR05	373	Date	O	DT 6/6

Date (YYMMDD)

	Ref. Des.	Data Element	Name		Attributes
	BQR06	379	Bid Type Response Code	O	ID 2/2

Code indicating the type of response to the request for bid or quote

1. If code AB or code UQ is used, explain in NTE segment following this segment.
2. An alternate bid (code AB) shall only be used to provide variations in

volume or packaging. It is not to be used for a quote on an equal or substitute item unless the item description explicitly allows equivalent products.

AB	Alternate Bid
BI	Bid Without Exception
UQ	Unable to Quote

Segment: # NTE Note/Special Instruction

Position:	030
Loop:	
Level:	Heading
Usage:	Floating
Max Use:	100
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction
Syntax Notes:	
Semantic Notes:	
Comments:	1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
NTE01	363	**Note Reference Code**	O	ID 3/3
		Code identifying the functional area or purpose for which the note applies		
		GEN Entire Transaction Set		
Must Use NTE02	3	**Free Form Message**	M	AN 1/60
		Free-form text		
		If code AB or code UQ is used in BQR06, NTE02 is used to explain.		

Segment:	# CUR Currency
Position:	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Syntax Notes:

1   If CUR08 is present, then CUR07 is required.
2   If CUR09 is present, then CUR07 is required.
3   If CUR11 is present, then CUR10 is required.
4   If CUR12 is present, then CUR10 is required.
5   If CUR14 is present, then CUR13 is required.
6   If CUR15 is present, then CUR13 is required.
7   If CUR17 is present, then CUR16 is required.
8   If CUR18 is present, then CUR16 is required.
9   If CUR20 is present, then CUR19 is required.
10   If CUR21 is present, then CUR19 is required.

Semantic Notes:

Comments:

1   Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver).

CUR*BY*CAD* N/L

Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values.

2   CUR*BY*USD*1.20*SE*CAD*NY*007*840821*1400 N/L
        1   2   3   4

1. Identifies the buyer's (BY) currency as U.S. dollars (USD).
2. The multiplier (1.20) is the exchange rate factor for the conversion.
3. Identifies the seller's (SE) currency as Canadian dollars (CAD).
4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400).
The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item

would be:

The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00) CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	CUR01	98	**Entity Identifier Code**	M	ID 2/2

Code identifying an organizational entity or a physical location.

Use code BY for the government and code SE for the contractor.

	BY	Buying Party (Purchaser)
	SE	Selling Party

	Ref. Des.	Data Element	Name		Attributes
Must Use	CUR02	100	**Currency Code**	M	ID 3/3

Code (Standard ISO) for country in whose currency the charges are specified

	CUR03	280	**Exchange Rate**	O	R 4/6

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

	CUR04	98	**Entity Identifier Code**	O	ID 2/2

Code identifying an organizational entity or a physical location.

Use code BY for the government and code SE for the contractor.

	BY	Buying Party (Purchaser)
	SE	Selling Party

	CUR05	100	**Currency Code**	O	ID 3/3

Code (Standard ISO) for country in whose currency the charges are specified

	CUR06	669	**Currency Market/Exchange Code**	O	ID 3/3

Code identifying the market upon which the currency exchange rate is based

Use any code.

Refer to 003010 Data Element Dictionary for acceptable code values.

	CUR07	374	**Date/Time Qualifier**	C	ID 3/3

Code specifying type of date or time, or both date and time

Use code 007 for the date/time the cited rate will be effective (start) and code 036 for the date/time the cited rate will cease to be effective (stop).

	007	Effective
	036	Expiration
		Date coverage expires

	CUR08	373	**Date**	O	DT 6/6

Date (YYMMDD)

| | **CUR09** | **337** | **Time** | **O** | **TM 4/4** |

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

| **Not Used** | **CUR10** | **374** | **Date/Time Qualifier** | **C** | **ID 3/3** |

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

| **Not Used** | **CUR11** | **373** | **Date** | **O** | **DT 6/6** |

Date (YYMMDD)

| **Not Used** | **CUR12** | **337** | **Time** | **O** | **TM 4/4** |

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

| **Not Used** | **CUR13** | **374** | **Date/Time Qualifier** | **C** | **ID 3/3** |

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

| **Not Used** | **CUR14** | **373** | **Date** | **O** | **DT 6/6** |

Date (YYMMDD)

| **Not Used** | **CUR15** | **337** | **Time** | **O** | **TM 4/4** |

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

| **Not Used** | **CUR16** | **374** | **Date/Time Qualifier** | **C** | **ID 3/3** |

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

| **Not Used** | **CUR17** | **373** | **Date** | **O** | **DT 6/6** |

Date (YYMMDD)

| **Not Used** | **CUR18** | **337** | **Time** | **O** | **TM 4/4** |

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

| **Not Used** | **CUR19** | **374** | **Date/Time Qualifier** | **C** | **ID 3/3** |

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

| **Not Used** | **CUR20** | **373** | **Date** | **O** | **DT 6/6** |

Date (YYMMDD)

| **Not Used** | **CUR21** | **337** | **Time** | **O** | **TM 4/4** |

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

	Segment:	**REF** Reference Numbers

Segment: **REF** Reference Numbers

Position: 050

Loop:

Level: Heading

Usage: Optional

Max Use: 12

Purpose: To specify identifying numbers.

Syntax Notes: 1   At least one of REF02 or REF03 is required.

Semantic Notes:

Comments:

Notes: *One iteration of this segment is required to provide the Price Quote number, code PR.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	REF01	128	Reference Number Qualifier	M	ID 2/2

Code qualifying the Reference Number.

1. When REF01 is code CR or CT there must be an iteration of the DTM segment, code 036 to provide the expiration date of the schedule or contract cited. Failure to provide this date, will require the buying activity to send a follow up message. Use code CR for the Federal Supply Schedule.

2. When REF01 is code CR, REF02 will carry the number of the Federal Supply Schedule in which the quoted item can be found.

3. When REF01 is code CT, it will represent a contract other than a supply schedule, known to the quoter, from which the quoted item can be ordered. Give the contract number in REF02 and explain the nature of the contract in REF03, if necessary.

4. REF01 must contain one iteration using code PR so that any response can reference the quoting party's quotation number.

5. Code 65 may optionally be used for the transactions Unique Tracking Number (UTN).

65	Total Order Cycle Number	
CR	Customer Reference Number	
CT	Contract Number	
PR	Price Quote Number	

	REF02	127	Reference Number	C	AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	REF03	352	Description	C	AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**FOB** F.O.B. Related Instructions		
Position:	080		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify transportation instructions relating to shipment		
Syntax Notes:	1	If FOB03 is present, then FOB02 is required.	
	2	If FOB04 is present, then FOB05 is required.	
	3	If FOB07 is present, then FOB06 is required.	
	4	If FOB08 is present, then FOB09 is required.	
Semantic Notes:			
Comments:	1	FOB01 indicates which party will pay the carrier.	
	2	FOB02 is the code specifying transportation responsibility location.	
	3	FOB06 is the code specifying title passage location.	
	4	FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.	
Notes:	*Use only when quoting other than FOB destination.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	FOB01	146	**Shipment Method of Payment**	M ID 2/2
			Code identifying payment terms for transportation charges	
			DF Defined by Buyer and Seller	
	FOB02	309	**Location Qualifier**	C ID 1/2
			Code identifying type of location	
			1.Use code ZZ when the FOB point is other than the origin or destination. (e.g., intermediate point).	
			2. FOB destination is assumed unless specified otherwise.	
			OR Origin (Shipping Point)	
			ZZ Mutually Defined	
	FOB03	352	**Description**	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			When FOB02 is code ZZ, use FOB03 to explain the nature of the other location.	
Not Used	FOB04	334	**Transportation Terms Qualifier Code**	O ID 2/2
			Code identifying the source of the transportation terms	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	FOB05	335	**Transportation Terms Code**	C ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility	

Refer to 003010 Data Element Dictionary for acceptable code values.

| **Not Used** | **FOB06** | **309** | **Location Qualifier** | | **C** | **ID 1/2** |

Code identifying type of location

Refer to 003010 Data Element Dictionary for acceptable code values.

| **Not Used** | **FOB07** | **352** | **Description** | | **O** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

| **Not Used** | **FOB08** | **54** | **Risk of Loss Qualifier** | | **O** | **ID 2/2** |

Code specifying where responsibility for risk of loss passes

Refer to 003010 Data Element Dictionary for acceptable code values.

| **Not Used** | **FOB09** | **352** | **Description** | | **C** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Segment:		**ITD**	**Terms of Sale/Deferred Terms of Sale**	
Position:		130		
Loop:				
Level:		Heading		
Usage:		Optional		
Max Use:		5		
Purpose:		To specify terms of sale		

Syntax Notes:
   1   If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
   2   If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
   3   If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes:

Comments:
   1   If the code in ITD01 is 04, then ITD09 is required and either ITD11 or ITD12 is required. If the code in ITD01 equals 05, then ITD06 or ITD07 is required.

Notes: *If no discount is applicable to the quotation, or if the terms are Net, 30 days, do not transmit this segment.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	ITD01	**336**	**Terms Type Code**	**O**	**ID 2/2**
			Code identifying type of payment terms		
			Use code 08 only.		
			08 Basic Discount Offered		
	ITD02	**333**	**Terms Basis Date Code**	**O**	**ID 1/2**
			Code identifying the beginning of the terms period		
			Any applicable code can be used.		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
	ITD03	**338**	**Terms Discount Percent**	**O**	**R 1/6**
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date		
	ITD04	**370**	**Terms Discount Due Date**	**C**	**DT 6/6**
			Date payment is due if discount is to be earned		
	ITD05	**351**	**Terms Discount Days Due**	**C**	**N0 1/3**
			Number of days in the terms discount period by which payment is due if terms discount is earned		
Not Used	**ITD06**	**446**	**Terms Net Due Date**	**O**	**DT 6/6**
			Date when total invoice amount becomes due		
	ITD07	**386**	**Terms Net Days**	**O**	**N0 1/3**
			Number of days until total invoice amount is due (discount not applicable)		
	ITD08	**362**	**Terms Discount Amount**	**O**	**N2 1/10**
			Total amount of terms discount		
			Used so that rounding-off methodology will not be a factor.		
Not Used	**ITD09**	**388**	**Terms Deferred Due Date**	**O**	**DT 6/6**

Date deferred payment or percent of invoice payable is due

Not Used	ITD10	389	**Deferred Amount Due**	C	N2 1/10

Deferred amount due for payment

Not Used	ITD11	342	**Percent of Invoice Payable**	C	R 1/5

Amount of invoice payable expressed in percent

Not Used	ITD12	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

	ITD13	765	**Day of Month**	C	N0 1/2

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

	ITD14	107	**Payment Method Code**	O	ID 1/1

Code identifying type of payment procedures

This data element will normally not be used in DoD applications.

Refer to 003010 Data Element Dictionary for acceptable code values.

Segment:		**DTM** Date/time/period			

Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 or DTM03 is required.
Semantic Notes:
Comments:
Notes: *Quoted delivery date will be provided in this segment as an actual date or in the LDT segment as a set number of calendar days after receipt of order. If the latter is used, omit this segment.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M	ID 3/3

Code specifying type of date or time, or both date and time

1. Use code 036 to indicate the expiration date of a Federal Supply Schedule or contract.
2. Use code 001 when the quoter wants to extend the quote expiration date beyond a 30-day time from the effective date of the quote, as specified in BQR05.
3. Use code 075, the delivery date being quoted, when the quoted delivery date will be less than the required delivery date specified in the RFQ, applies to the whole order and the delivery date is not defined in the LDT segment.

001	Cancel After	
036	Expiration	
	Date coverage expires	
075	Promised for Delivery (Prior to and Including)	

	Ref. Des.	Data Element	Name		Attributes
	DTM02	373	**Date**	C	DT 6/6

Date (YYMMDD)

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM03	337	**Time**	C	TM 4/4

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM04	623	**Time Code**	O	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003010 Data Element Dictionary for acceptable code values.

Segment:	**LDT** Lead Time	
Position:	160	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify lead time for availability of products and services	
Syntax Notes:		
Semantic Notes:		
Comments:	**1** LDT04 is the effective date of lead time information.	
Notes:	*1. This segment should be used when the quoted delivery dates will be less than the required delivery date specified in the RFQ. In this case, use code "AF" for Quoted Delivery Date.*	
	2. Quoted delivery date will be provided in this segment as a set number of days after receipt of order or in the DTM segment as an actual date. If the latter is used, omit this segment.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**LDT01**	**345**	**Lead Time Code**	**M**	**ID 2/2**
			Code indicating the time range		
			AF From date of PO receipt to delivery		
Must Use	**LDT02**	**380**	**Quantity**	**M**	**R 1/10**
			Numeric value of quantity		
Must Use	**LDT03**	**344**	**Unit of Time Period or Interval**	**M**	**ID 2/2**
			Code indicating the time period or interval		
			DA Calendar Days		
Not Used	**LDT04**	**373**	**Date**	**O**	**DT 6/6**
			Date (YYMMDD)		

Segment:		**PWK** Paperwork		

Position:	210
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To specify the type and transmission of paperwork relating to a product, order or report.
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:	
Comments:	1 PWK05 and PWK06 may be used to identify the addressee by a code number.
	2 PWK07 may be used to indicate special information to be shown on the specified report.
	3 PWK08 may be used to indicate action pertaining to a report.
Notes:	*1. Use this segment to indicate which CERTS and REPS , if any, and other paperwork will be transmitted electronically with this response to an RFQ (e.g., if PWK segment in 840 transaction set imposes such a requirement).*
	2. When the total amount of the quote exceeds $10,000, this segment is REQUIRED.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PWK01	755	**Report Type Code**	M	ID 2/2
			Code indicating the title and/or contents of a document or report.		
			1. Use FD when report is provided electronically with the response to the RFQ.		
			2. When the quote (AMT02) exceeds $10,000, there must be at least one iteration of the PWK segment using code FD.		
			FD Federal Specification Compliance		
Must Use	PWK02	756	**Report Transmission Code**	M	ID 2/2
			Code defining timing, transmission method or format by which reports are to be sent		
			EL Electronically Only		
Not Used	PWK03	757	**Report Copies Needed**	O	N0 1/2
			The number of copies of a report that should be sent to the addressee		
	PWK04	98	**Entity Identifier Code**	O	ID 2/2
			Code identifying an organizational entity or a physical location.		
			1. REQUIRED when AMT02 exceeds $10,000.		
			2. Codes are used to certify if quoter is a manufacturer, distributer, or a reqular dealer in accordance with the terms of the Walsh-Healy Act.		
			DL Dealer		
			DS Distributor		
			MF Manufacturer of Goods		

Not Used   **PWK05**   **66**   **Identification Code Qualifier**   **C**   **ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used   **PWK06**   **67**   **Identification Code**   **C**   **ID 2/17**

Code identifying a party.

    PWK07   **352**   **Description**   **O**   **AN 1/80**

A free-form description to clarify the related data elements and their content

Use to make additional certifications and/or representations that may have been required by the terms of the RFQ to which this transmission is responding.

Not Used   **PWK08**   **704**   **Paperwork/Report Action Code**   **O**   **ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Refer to 003010 Data Element Dictionary for acceptable code values.

Segment:	**PKG** Marking, Packaging, Loading				

Segment: **PKG** Marking, Packaging, Loading

Position:	220
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	1 If PKG04 is present, then PKG03 is required.
	2 At least one of PKG04 or PKG05 is required.
Semantic Notes:	
Comments:	1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
	2 PKG01 relates only to PKG04 and PKG05. When PKG01 is "F", PKG04 is not used.
	3 Use PKG03 to indicate the organization that publishes the code list being referred to.
	4 PKG04 should be used for industry-specific packaging description codes.
	5 Special marking or tagging data can be given in PKG05 (description).
Notes:	*1. A table might be required to convert DoD to ASC X12 packaging codes.*
	2. Segment is not used when the packaging is as requested, if special packaging requirements were indicated in the RFQ.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PKG01	349	**Item Description Type**	M	ID 1/1
			Code indicating the format of a description		
			F Free-form		
			S Structured (From Industry Code List)		
	PKG02	753	**Packaging Characteristic Code**	O	ID 1/5
			Code specifying the marking, packaging, loading and related characteristics being described		
			1. Use any code.		
			2. Use code 35 for Unitizing; code 36 for Pack/Preservation; and code 37 for Packing.		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
	PKG03	559	**Agency Qualifier Code**	C	ID 2/2
			Code identifying the agency assigning the code values		
			DD Department of Defense		
			Responsible for Military Specification		
	PKG04	754	**Packaging Description Code**	C	ID 1/7
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product		
	PKG05	352	**Description**	C	AN 1/80

A free-form description to clarify the related data elements and their content

When PKG04 carries a code indicating that the item is packed differently than required by the RFQ, explain in PKG05.

Segment:	**N1** Name		
Position:	310		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	1	At least one of N102 or N103 is required.	
	2	If either N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
Notes:	*When N101 is code SE or ZZ, then N101,N103 and N104 are required to be used in lieu of using the balance of the N1 and the N2-N4 segments. When N101 is code AG, either the CAGE code or the long-line address may be used.*		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/2**

Code identifying an organizational entity or a physical location.

1. Use code ZZ when certifying that you are a small business for the SIC code(s) that is (are) carried in PO108 of the 840 transaction set being responded to.
2. Use code SE in all other cases.
3. In another iteration of the N1 loop, use code AG to indicate that you are bidding on behalf of a company named in a previous iteration of the N1 loop.

AG	Agent/Agency	
RI	Remit To	
SE	Selling Party	
ZZ	Mutually Defined	

	Ref. Des.	Data Element	Name		Attributes
	N102	**93**	**Name**	**C**	**AN 1/35**

Free-form name

	Ref. Des.	Data Element	Name		Attributes
	N103	**66**	**Identification Code Qualifier**	**C**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

Code 33 is the CAGE Code. Use code ZZ to qualify a temporary CAGE Code assigned during the registration process when a CAGE Code is not yet assigned.

33	Commercial and Government Entity (CAGE)	
ZZ	Mutually Defined	

	Ref. Des.	Data Element	Name		Attributes
	N104	**67**	**Identification Code**	**C**	**ID 2/17**

Code identifying a party.

Carries the actual CAGE Code or the temporary CAGE Code assigned at time of registration.

Segment:	**N2** Additional Name Information			
Position:	320			
Loop:	N1 Optional			
Level:	Heading			
Usage:	Optional			
Max Use:	2			
Purpose:	To specify additional names or those longer than 35 characters in length			
Syntax Notes:				
Semantic Notes:				
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N201	93	**Name**	M AN 1/35
			Free-form name	
	N202	93	**Name**	O AN 1/35
			Free-form name	

Segment: # N3 Address Information

Position:	330
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N301	166	**Address Information**	M	AN 1/35
			Address information		
	N302	166	**Address Information**	O	AN 1/35
			Address information		

Segment:	**N4** Geographic Location
Position:	340
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party

Syntax Notes:	**1**	At least one of N401 or N405 is required.
	2	If N401 is present, then N402 is required.
	3	If either N405 or N406 is present, then the other is required.

Semantic Notes:

Comments:	**1**	A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2	N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
N401	**19**	**City Name**	**C**	**AN 2/19**
		Free-form text for city name		
N402	**156**	**State or Province Code**	**C**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	**116**	**Postal Code**	**O**	**ID 4/9**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
		Use only when the "party's" address has no ZIP code but may have another type of postal code (e.g., in a foreign country).		
N404	**26**	**Country Code**	**O**	**ID 2/2**
		Code identifying the country		
		A translation table will be required to convert those standard codes used by ANSI to those used by the DoD.		
Not Used	**N405**	**309**	**Location Qualifier**	**C**	**ID 1/2**
		Code identifying type of location		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	**N406**	**310**	**Location Identifier**	**C**	**AN 1/25**
		Code which identifies a specific location		

Segment:	**PER** Administrative Communications Contact

Segment: **PER** Administrative Communications Contact

Position: 360
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1   If PER03 is present, then PER04 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PER01	366	Contact Function Code	M	ID 2/2

Code identifying the major duty or responsibility of the person or group named

    SU   Supplier Contact

	PER02	93	Name	O	AN 1/35

Free-form name

	PER03	365	Communication Number Qualifier	O	ID 2/2

Code identifying the type of communication number

Communication from the buying activity will be by electronic mail to the electronic mail address from which the quote was received. Quoters at their option may provide additional communication numbers at which their contact can be reached.

    EM   Electronic Mail
    FX   Facsimile
    TE   Telephone

	PER04	364	Communication Number	C	AN 7/21

Complete communications number including country or area code when applicable

If the communications number is greater than 21 characters, repeat the PER segment to provide the remaining characters.

Segment:	**PO1** Purchase Order Baseline Item Data				

Segment: **PO1** Purchase Order Baseline Item Data

Position:	010
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic and most frequently used purchase order line item data
Syntax Notes:	1 If PO105 is present, then PO104 is required.
	2 If PO106 is present, then PO107 is required.
	3 If PO108 is present, then PO109 is required.
	4 If PO110 is present, then PO111 is required.
	5 If PO112 is present, then PO113 is required.
	6 If PO114 is present, then PO115 is required.
	7 If PO116 is present, then PO117 is required.
	8 If PO118 is present, then PO119 is required.
	9 If PO120 is present, then PO121 is required.
	10 If PO122 is present, then PO123 is required.
	11 If PO124 is present, then PO125 is required.
Semantic Notes:	
Comments:	1 See the Data Dictionary for a complete list of ID's.
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PO101	350	**Assigned Identification**	O	AN 1/6

Alphanumeric characters assigned for differentiation within a transaction set

PO101 must contain the line item number assigned by the buying activity in the RFQ being quoted in this transaction. When quoting on multiple line items, use as many iterations of the PO1 segment as necessary.

	Ref. Des.	Data Element	Name		Attributes
Must Use	PO102	330	**Quantity Ordered**	M	R 1/9

Quantity ordered

The quantity being quoted for the line item.

	Ref. Des.	Data Element	Name		Attributes
Must Use	PO103	355	**Unit or Basis for Measurement Code**	M	ID 2/2

Code identifying the basic unit of measurement.

DoD uses DoD Manual 5000.12-M for unit of issue codes. These differ from the X12 DE 355 code list and must be translated from one to the other.

Refer to 003010 Data Element Dictionary for acceptable code values.

	PO104	212	**Unit Price**		**C**	**R 1/14**

Price per unit of product, service, commodity, etc.

For the line item being quoted. The total amount of the line item (quantity x unit price) will be calculated by the application program.

Not Used	PO105	639	**Basis of Unit Price Code**	**O**	**ID 2/2**

Code identifying the type of unit price for an item

Refer to 003010 Data Element Dictionary for acceptable code values.

	PO106	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. Use any code.
2. PO106 through PO125 (Product or Service ID Qualifier and Product or Service ID pairs) will be used, as required, to carry additional information regarding the product or service being quoted on in the particular iteration of the PO1 loop.

Refer to 003010 Data Element Dictionary for acceptable code values.

	PO107	234	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

	PO108	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

	PO109	234	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

	PO110	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

	PO111	234	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

	PO112	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

	PO113	234	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

	PO114	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

	PO115	234	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

| **PO116** | **235** | **Product/Service ID Qualifier** | **O** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

| **PO117** | **234** | **Product/Service ID** | **C** | **AN 1/30** |

Identifying number for a product or service

| **PO118** | **235** | **Product/Service ID Qualifier** | **O** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

| **PO119** | **234** | **Product/Service ID** | **C** | **AN 1/30** |

Identifying number for a product or service

| **PO120** | **235** | **Product/Service ID Qualifier** | **O** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

| **PO121** | **234** | **Product/Service ID** | **C** | **AN 1/30** |

Identifying number for a product or service

| **PO122** | **235** | **Product/Service ID Qualifier** | **O** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

| **PO123** | **234** | **Product/Service ID** | **C** | **AN 1/30** |

Identifying number for a product or service

| **PO124** | **235** | **Product/Service ID Qualifier** | **O** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

| **PO125** | **234** | **Product/Service ID** | **C** | **AN 1/30** |

Identifying number for a product or service

Segment:		**PO3** Additional Item Detail			

Position: 030
Loop: PO1   Optional
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify additional item-related data involving variations in normal price/quantity structure
Syntax Notes: 1   If PO304 is present, then at least one of PO303 or PO305 is required.
Semantic Notes:
Comments: 1   Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).
       2   PO307 defines the unit of measure for PO306.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	PO301	371	**Change Reason Code**		M	ID 2/2
			Code specifying the reason for price or quantity change			
			AQ	Alternate Quantity and Unit of Measure		
			PC	Pack Difference		
			QT	Quantity Price Break		
			UM	Unit of Measure Difference		
	PO302	373	**Date**		O	DT 6/6
			Date (YYMMDD)			
	PO303	236	**Price Qualifier**		C	ID 3/3
			Code identifying pricing specification			
			PBQ	Unit Price Beginning Quantity		
	PO304	212	**Unit Price**		O	R 1/14
			Price per unit of product, service, commodity, etc.			
	PO305	639	**Basis of Unit Price Code**		C	ID 2/2
			Code identifying the type of unit price for an item			
			Refer to 003010 Data Element Dictionary for acceptable code values.			
Must Use	PO306	380	**Quantity**		M	R 1/10
			Numeric value of quantity			
Must Use	PO307	355	**Unit or Basis for Measurement Code**		M	ID 2/2
			Code identifying the basic unit of measurement.			
			See note for PO103.			
			Refer to 003010 Data Element Dictionary for acceptable code values.			
	PO308	352	**Description**		O	AN 1/80
			A free-form description to clarify the related data elements and their			

content

Segment:	**PID** Product/Item Description			
Position:	050			
Loop:	PID Optional			
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	To describe a product or process in coded or free-form format			
Syntax Notes:	1 If PID04 is present, then PID03 is required.			
	2 At least one of PID04 or PID05 is required.			
Semantic Notes:				
Comments:	1 When PID01 is "F", PID04 is not used.			
	2 Use PID03 to indicate the organization that publishes the code list being referred to.			
	3 PID04 should be used for industry-specific product description codes.			
	4 Use PID06 when necessary to refer to the product surface or layer being described in the segment.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PID01	349	**Item Description Type**	**M ID 1/1**
			Code indicating the format of a description	
			F Free-form	
Not Used	PID02	750	**Product/Process Characteristic Code**	**O ID 2/3**
			Code specifying the product or process characteristic being described.	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	PID03	559	**Agency Qualifier Code**	**C ID 2/2**
			Code identifying the agency assigning the code values	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	PID04	751	**Product Description Code**	**C ID 1/12**
			A code from an industry code list which provides specific data about a product characteristic	
	PID05	352	**Description**	**C AN 1/80**
			A free-form description to clarify the related data elements and their content	
			1. When a PO1 qualifier used code SV, PID05 can carry an additional free-form description of the contracted services, if necessary. It may also be used for an explanation of a contract condition, in lieu of using the NTE segment. *2. SF 18 Block 12b.*	
Not Used	PID06	752	**Surface/Layer/Position Code**	**O ID 2/2**
			Code indicating the product surface, layer or position that is being described	

Refer to 003010 Data Element Dictionary for acceptable code values.

Segment: # MEA Measurements

Position:	060
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify physical measurements, including dimension tolerances, weights and counts.

Syntax Notes:
1. At least one of MEA03 MEA05 MEA06 or MEA08 is required.
2. If MEA03 is present, then MEA04 is required.
3. If MEA05 is present, then MEA04 is required.
4. If MEA06 is present, then MEA04 is required.
5. If MEA07 is present, then MEA03 is required.
6. Only one of MEA08 or MEA03 may be present.

Semantic Notes:

Comments:
1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: *This segment can be used any time a measurement needs to be described for an item being quoted.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
MEA01	737	**Measurement Reference ID Code**	O	ID 2/2
		Code specifying the application of physical measurement cited.		
		Use any code.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
MEA02	738	**Measurement Qualifier**	O	ID 1/3
		Code identifying the type of measurement.		
		Use any code.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
MEA03	739	**Measurement Value**	C	R 1/10
		The value of the measurement		
MEA04	355	**Unit or Basis for Measurement Code**	C	ID 2/2
		Code identifying the basic unit of measurement.		
		Use any code.		
		Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used MEA05	740	**Range Minimum**	C	R 1/10
		The value specifying the minimum of the measurement range		
Not Used MEA06	741	**Range Maximum**	C	R 1/10
		The value specifying the maximum of the measurement range		
Not Used MEA07	935	**Measurement Significance Code**	O	ID 2/2

Code used to benchmark, qualify or further define a measurement value

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	**MEA08**	**936**	**Measurement Attribute Code**	**C**	**ID 2/2**

Code used to express an attribute response when a numeric measurement value cannot be determined

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	**MEA09**	**752**	**Surface/Layer/Position Code**	**O**	**ID 2/2**

Code indicating the product surface, layer or position that is being described

Refer to 003010 Data Element Dictionary for acceptable code values.

Segment:	**PKG** Marking, Packaging, Loading			

Position: 080
Loop: PO1   Optional
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To describe marking, packaging, loading, and unloading requirements
Syntax Notes:
1. If PKG04 is present, then PKG03 is required.
2. At least one of PKG04 or PKG05 is required.

Semantic Notes:
Comments:
1. Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
2. PKG01 relates only to PKG04 and PKG05.
When PKG01 is "F", PKG04 is not used.
3. Use PKG03 to indicate the organization that publishes the code list being referred to.
4. PKG04 should be used for industry-specific packaging description codes.
5. Special marking or tagging data can be given in PKG05 (description).

Notes: *1. A table might be required to convert DoD to ASC X12 packaging codes.*
2. Segment is not used when the packaging is as requested, if special packaging requirements were indicated in the RFQ.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PKG01	349	**Item Description Type**	M	ID 1/1

Code indicating the format of a description

    F   Free-form
    S   Structured (From Industry Code List)

PKG02	753	**Packaging Characteristic Code**	O	ID 1/5

Code specifying the marking, packaging, loading and related characteristics being described

1. Use any code.
2. Use code 35 for Unitizing; code 36 for Pack/Preservation; and code 37 for Packing.

Refer to 003010 Data Element Dictionary for acceptable code values.

PKG03	559	**Agency Qualifier Code**	C	ID 2/2

Code identifying the agency assigning the code values

    DD   Department of Defense
                   Responsible for Military Specification

PKG04	754	**Packaging Description Code**	C	ID 1/7

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

PKG05	352	**Description**	C	AN 1/80

A free-form description to clarify the related data elements and their content

When PKG04 carries a code indicating that the item is packed differently than required by the RFQ, explain in PKG05.

Segment: # PO4 Item Physical Details

Position:	090
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:	1 If PO402 is present, then PO403 is required.
	2 If PO405 is present, then at least one of PO406 or PO407 is required.
	3 If PO408 is present, then PO409 is required.
	4 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
Semantic Notes:	
Comments:	1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
	2 PO410 defines the unit of measure for PO408, PO409, and PO410.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
PO401	356	**Pack**	O	N0 1/6

Number of inner pack units per outer pack unit

SF 18 Block 12b.

Ref. Des.	Data Element	Name	Attributes	
PO402	357	**Size**	O	R 1/8

Size of supplier units in pack

Ref. Des.	Data Element	Name	Attributes	
PO403	355	**Unit or Basis for Measurement Code**	C	ID 2/2

Code identifying the basic unit of measurement.

Refer to 003010 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes	
PO404	103	**Packaging Code**	O	ID 5/5

Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material

These codes are X12 codes. A translation table will be required to convert them to DoD codes, to the extent that the DoD codes differ from the X12 Codes.

Refer to 003010 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes	
PO405	187	**Weight Qualifier**	O	ID 1/2

Code defining the type of weight

Refer to 003010 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes	
PO406	384	**Gross Weight per Pack**	C	R 1/9

Numeric value of gross weight per pack

PO407	**355**	**Unit or Basis for Measurement Code**	**C**	**ID 2/2**

Code identifying the basic unit of measurement.

Refer to 003010 Data Element Dictionary for acceptable code values.

PO408	**385**	**Gross Volume per Pack**	**O**	**R 1/9**

Numeric value of gross volume per pack

PO409	**355**	**Unit or Basis for Measurement Code**	**C**	**ID 2/2**

Code identifying the basic unit of measurement.

Refer to 003010 Data Element Dictionary for acceptable code values.

PO410	**82**	**Length**	**C**	**R 1/8**

Largest horizontal dimension of an object measured when the object is in the upright position

PO411	**189**	**Width**	**C**	**R 1/8**

Shorter measurement of the two horizontal dimensions measured with the object in the upright position

PO412	**65**	**Height**	**C**	**R 1/8**

Vertical dimension of an object measured when the object is in the upright position

PO413	**355**	**Unit or Basis for Measurement Code**	**O**	**ID 2/2**

Code identifying the basic unit of measurement.

Refer to 003010 Data Element Dictionary for acceptable code values.

Segment: **REF** Reference Numbers

Position:	100
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2

Code qualifying the Reference Number.

1. When REF01 is code CR, REF02 will carry the number of the Federal Supply Schedule in which the quoted item can be found.
2. When REF01 is code CT, it will represent a contract other than a supply schedule, known to the quoter, from which the quoted item can be ordered. Give the contract number in REF02 and explain the nature of the REF03, if necessary.

CR	Customer Reference Number
CT	Contract Number

	Ref. Des.	Data Element	Name	Attributes
	REF02	127	Reference Number	C AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name	Attributes
	REF03	352	Description	C AN 1/80

A free-form description to clarify the related data elements and their content

Segment: # FOB F.O.B. Related Instructions

Position:	180
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify transportation instructions relating to shipment
Syntax Notes:	1 If FOB03 is present, then FOB02 is required.
	2 If FOB04 is present, then FOB05 is required.
	3 If FOB07 is present, then FOB06 is required.
	4 If FOB08 is present, then FOB09 is required.
Semantic Notes:	
Comments:	1 FOB01 indicates which party will pay the carrier.
	2 FOB02 is the code specifying transportation responsibility location.
	3 FOB06 is the code specifying title passage location.
	4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Notes:	*Use only when quoting other than FOB destination, at the line item level.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	FOB01	146	**Shipment Method of Payment**	M	ID 2/2

Code identifying payment terms for transportation charges

    DF   Defined by Buyer and Seller

	Ref. Des.	Data Element	Name		Attributes
	FOB02	309	**Location Qualifier**	C	ID 1/2

Code identifying type of location

1. Use code ZZ when the FOB point is other than origin or destination, (e.g., an intermediate point).
2. FO3 destination is assumed unless specified otherise.

    OR   Origin (Shipping Point)
    ZZ   Mutually Defined

	Ref. Des.	Data Element	Name		Attributes
	FOB03	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

When FOB02 is code ZZ, use FOB03 to describe the other location.

	Ref. Des.	Data Element	Name		Attributes
Not Used	FOB04	334	**Transportation Terms Qualifier Code**	O	ID 2/2

Code identifying the source of the transportation terms

Refer to 003010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name		Attributes
Not Used	FOB05	335	**Transportation Terms Code**	C	ID 3/3

Code identifying the trade terms which apply to the shipment transportation responsibility

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	**FOB06**	**309**	**Location Qualifier**	**C**	**ID 1/2**

Code identifying type of location

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	**FOB07**	**352**	**Description**	**O**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Not Used	**FOB08**	**54**	**Risk of Loss Qualifier**	**O**	**ID 2/2**

Code specifying where responsibility for risk of loss passes

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	**FOB09**	**352**	**Description**	**C**	**AN 1/80**

A free-form description to clarify the related data elements and their content

	Segment:	**DTM** Date/time/period	
	Position:	200	
	Loop:	PO1 Optional	
	Level:	Detail	
	Usage:	Optional	
	Max Use:	10	
	Purpose:	To specify pertinent dates and times	
	Syntax Notes:	1 At least one of DTM02 or DTM03 is required.	
	Semantic Notes:		
	Comments:		
	Notes:	*Quoted delivery date will be provided in this segment as an actual date or in the LDT segment as a set number of calendar days after receipt of order. If the latter is used, omit this segment.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

1. Use code 036 to indicate the expiration date of a Federal Supply Schedule or contract.

2. Code 075, the delivery date being quoted, should be used only when the quoted delivery date will be less than the required delivery date specified in the RFQ, applies to the entire line and the delivery date is not defined in segment LDT. Use the SCH segment if deliveries for a line item will differ by quantity or date.

		036	Expiration
			Date coverage expires
		075	Promised for Delivery (Prior to and Including)

	Ref. Des.	Data Element	Name	Attributes
	DTM02	373	**Date**	C DT 6/6

Date (YYMMDD)

	DTM03	337	**Time**	C TM 4/4
Not Used				

Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

Not Used	DTM04	623	**Time Code**	O ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003010 Data Element Dictionary for acceptable code values.

Segment:		**LDT** Lead Time			
Position:		210			
Loop:		PO1	Optional		
Level:		Detail			
Usage:		Optional			
Max Use:		12			
Purpose:		To specify lead time for availability of products and services			
Syntax Notes:					
Semantic Notes:					
Comments:		1 LDT04 is the effective date of lead time information.			

Notes:

1. This segemnt should be used when the quoted delivery dates will be less than the required delivery date specified in the RFQ. In this case, use code "AF" for the Quoted Delivery Date.
2. Quoted delivery date will be provided in this segment as a set number of days after receipt of order or in the DTM segment as an actual date. If the latter is used, omit this segment.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**LDT01**	**345**	**Lead Time Code**	**M**	**ID 2/2**
			Code indicating the time range		
			AF	From date of PO receipt to delivery	
Must Use	**LDT02**	**380**	**Quantity**	**M**	**R 1/10**
			Numeric value of quantity		
Must Use	**LDT03**	**344**	**Unit of Time Period or Interval**	**M**	**ID 2/2**
			Code indicating the time period or interval		
			DA	Calendar Days	
Not Used	**LDT04**	**373**	**Date**	**O**	**DT 6/6**
			Date (YYMMDD)		

Segment:	**SCH** Line Item Schedule				

Segment: **SCH** Line Item Schedule

Position:	220
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	104
Purpose:	To specify the data for scheduling a specific line-item
Syntax Notes:	1 If SCH03 is present, then SCH04 is required.
	2 If SCH09 is present, then SCH08 is required.
Semantic Notes:	
Comments:	1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.
Notes:	*Use only to describe a lesser partial delivery at the line item level.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	SCH01	380	**Quantity**	M	R	1/10
			Numeric value of quantity			
Must Use	SCH02	355	**Unit or Basis for Measurement Code**	M	ID	2/2
			Code identifying the basic unit of measurement.			
			Refer to 003010 Data Element Dictionary for acceptable code values.			
Not Used	SCH03	98	**Entity Identifier Code**	O	ID	2/2
			Code identifying an organizational entity or a physical location.			
			Refer to 003010 Data Element Dictionary for acceptable code values.			
Not Used	SCH04	93	**Name**	C	AN	1/35
			Free-form name			
Must Use	SCH05	374	**Date/Time Qualifier**	M	ID	3/3
			Code specifying type of date or time, or both date and time			
			The promised delivery date.			
			Refer to 003010 Data Element Dictionary for acceptable code values.			
Must Use	SCH06	373	**Date**	M	DT	6/6
			Date (YYMMDD)			
Not Used	SCH07	337	**Time**	O	TM	4/4
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)			
Not Used	SCH08	374	**Date/Time Qualifier**	C	ID	3/3
			Code specifying type of date or time, or both date and time			
			Refer to 003010 Data Element Dictionary for acceptable code values.			
Not Used	SCH09	373	**Date**	O	DT	6/6
			Date (YYMMDD)			
Not Used	SCH10	337	**Time**	O	TM	4/4
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000			

through 235959)

Segment:		**CTT** Transaction Totals			

Segment: **CTT** Transaction Totals

Position:	010
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set
Syntax Notes:	1 If CTT03 is present, then CTT04 is required.
	2 If CTT05 is present, then CTT06 is required.
Semantic Notes:	
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	CTT01	354	**Number of Line Items**	M	N0 1/6

Total number of line items in the transaction set

Total number of PO1 segments.

	CTT02	347	**Hash Total**	O	R 1/10

Sum values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.

CTT02 is the sum of the value of the quantities quoted (PO102) for the total number of PO1 segments.

Example:
-.0018 First occurrence of value being hashed..
* .18 Second occurrence of value being hashed.*
* 1.8 Third occurence of value being hashed.*
* 18.01 Fourth occurence of value being hashed.*
----
* 1855 Hash total prior to truncation*
*   855 Hash total after truncation to three-digit field*

Not Used	CTT03	81	**Weight**	O	R 1/8

Numeric value of weight

Not Used	CTT04	355	**Unit or Basis for Measurement Code**	C	ID 2/2

Code identifying the basic unit of measurement.

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	CTT05	183	**Volume**	O	R 1/8

Value of volumetric measure

Not Used	CTT06	355	**Unit or Basis for Measurement Code**	C	ID 2/2

Code identifying the basic unit of measurement.

Refer to 003010 Data Element Dictionary for acceptable code values.

| **Not Used** | **CTT07** | **352** | **Description** | | **O** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Segment:	**AMT** Monetary Amount			
Position:	015			
Loop:				
Level:	Summary			
Usage:	Optional			
Max Use:	1			
Purpose:	To indicate the total monetary amount			
Syntax Notes:				
Semantic Notes:				
Comments:	1	If AMT is used in the detail area of transaction set 850, 855, 860 or 865, AMT02 will indicate total line amount as calculated by the sender. If AMT is used in the summary area of transaction set 850, 855, 860 or 865, AMT02 will indicate total transaction amount as calculated by the sender.		
	2	If segment AMT is used in Table 2 of the 850, 855, 860 or 865 transaction sets, then AMT01 = 01. If it is used in Table 3 of those transaction sets, then AMT01 = TT.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	AMT01	522	**Amount Qualifier Code**	M ID 1/2
			Code to qualify amount	

1. Code TT will represent the total amount quoted.
2. When code TT is used, it is that amount upon which the manufacturer/regular dealer certification is made, if over $10,000. See the PWK segment in Table 1 of this transaction set.

			TT	Total Transaction Amount
Must Use	AMT02	782	**Monetary Amount**	M R 1/15
			Monetary amount	

Segment:	**SE** Transaction Set Trailer		
Position:	020		
Loop:			
Level:	Summary		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).		
Syntax Notes:			
Semantic Notes:			
Comments:	1	SE is the last segment of each transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/6
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number assigned by the originator for a transaction set.	
			This is the same number as appears in ST02.	